

Table 2F-8. Wind Tunnel Calibration of Three-Dimensional Probe

Wind Tunnel Facility: _____

Wind Tunnel Location: _____

Probe Type: _____

Probe ID: _____

Probe Calibration Date: _____

Test Location: _____

Calibration Pitot Tube Coeff. (C_p): _____Ambient Temperature ($^{\circ}$ F): _____Barometric Pressure (P_{bar}): _____

Velocity Setting (ft/sec)	Pitch Angle	Calibration Pitot Tube		Tested Probe			Calc. F_1	Calc. F_2
		ΔP_{std} (in. H_2O)*	Temp. ($^{\circ}$ F)	P_1-P_2 (in. H_2O)	P_4-P_5 (in. H_2O)	Yaw Angle (degrees)		
	-30 $^{\circ}$							
	-25 $^{\circ}$							
	-20 $^{\circ}$							
	-15 $^{\circ}$							
	-10 $^{\circ}$							
	-5 $^{\circ}$							
	0 $^{\circ}$							
	5 $^{\circ}$							
	10 $^{\circ}$							
	15 $^{\circ}$							
	20 $^{\circ}$							
	25 $^{\circ}$							
	30 $^{\circ}$							

* Calibration pitot tube measurements must, at a minimum, be taken before the tested probe reading at the first pitch angle setting, and after the tested probe reading at the last pitch angle setting in each replicate. See section 10.6.11.